

Notice of Allowability

Application No.

09/636,024

Examiner

Yemane M Gerezgiher

Applicant(s)

OMAN, ANDREAS

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/18/2004.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☒ The drawings filed on 11 August 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM A. CUCHLINSKI, JR.
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Allowable Subject Matter

1. Claims 1-19 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Patents issued to Short et al (U.S. Patent Number 6,636,894) hereinafter referred to as Short and Lim et al (U.S. Patent Number 5,884,024) hereinafter referred to as Lim partially disclosed the invention as claimed.

As also indicated in the last action, Short disclosed a system and method for redirecting ("providing forced redirecting for network login by redirecting a customer browser to a predetermined login procedure when a network equipment is turned on...") users with a valued computer service access to a network services by automatically redirecting a user to a login portal in order to access services from a destination network based on a user's profile stored in a user profile database. See col. 3, lines 41-67, Fig.1, col. 7, lines 54-67 - col. 8, lines 1-19 and col. 8, lines 43-67 - col. 9, lines 1-4. Short disclosed that a "user may be forwarded from the login page and returned to a portal page or directed to a destination address which can be an Internet destination address. Redirecting the user to a login page can include redirecting a browser located on the user's computer to the login page. Furthermore, redirecting the browser

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located on the user's computer can include receiving a Hyper-Text Transfer Protocol (HTTP) request for the destination address and responding with an HTTP response corresponding to the login page". See col. 4, lines 22-31.

Further, Lim disclosed a DHCP (Dynamic Host Configuration Protocol) using a "trusted identifier" and preventing a client network from accessing IP addresses leases of other client networks in the network by counting the IP addresses leases assigned preventing each client from attempting to lease additional IP address beyond a predetermined number of IP addresses. See Abstract and col. 2, lines 40-67 - col.3, lines 1-55.

However, None of the prior art of record taken singularly or in combination taught or suggested a system for control and supervision of a residential control in a broadband network where an authentication server (DHCP) is supplied information regarding client terminal parameters from a third party namely membership policy server assuring/providing the authentication server with client address which can be connected with a unique port name in a broadband network to uniquely identify each and every single client in the broadband network **in combination with providing abuse and anti-spoof protection by adjusting a border gateway control routing tables in real-time with respect to the**

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authentication server (DHCP) for auto-configuration and further providing real-time analyzing and detecting of unauthorized authentication (address translation) server(s) run by a client/customer and software which provides address translation.

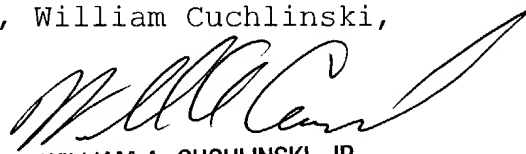
The functionalities are supported by the specification of the application disclosed. See Specification Page 3, Line 10 through Page 6, Line 30 and Figure 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Yemane Gerezgiher whose telephone number is 703-305-4874. The examiner can normally be reached on Monday- Friday from 9:00 AM to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful. The examiner's supervisor, William Cuchlinski, can be reached at (703) 308-3873.

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